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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/151,666	09/11/1998	WILLIAM M. SEAL	BS100/177618	8180

24504 7590 02/24/2004

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP  
100 GALLERIA PARKWAY, NW  
STE 1750  
ATLANTA, GA 30339-5948

EXAMINER
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MEINECKE DIAZ, SUSANNA M

ART UNIT	PAPER NUMBER
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3623

13

DATE MAILED: 02/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**37 CFR § 1.105 - Requirement for Information**

1. Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.
2. The information is required to complete the background description in the disclosure by documenting details of the functionality of the Job Management Operation System (JMOS), the Mechanized Time Reporting (MTR) system, and the interface between the two systems, as disclosed in the background on pages 1-3.
3. In response to this requirement, please provide the names of any additional products or services that have incorporated the claimed and/or disclosed subject matter.
4. Furthermore, Applicant states, "A preferred embodiment of a system and method according to the invention is commonly referred to as Outside Plant Construction Management (OSPCM) system and method" (page 3 of the specification). Examiner requests information regarding the initial public disclosure of OSPCM. Examiner has located a resume on the Internet that is dated August 22, 1996. In this resume, the author of the resume states that, from January through March of 1995, he worked on the "OSPCM Project," which is described as follows:

Out Side Plant Construction Management is a multiteam JAD/RAD/RIP project. I was brought on board to help the Infrastructure team solve various technical problems related to tying the OSPCM pieces together with each other and

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existing systems. My part on the Infrastructure team went away after Client decided that phase II would be done as a turnkey solution by one of their vendors.

The technical environment included Visual C++, Visual Basic, HP/UX (HP 9000 series database servers), Informix 7.xx, IEF, IBM CMVC version 2, BellSouth Navigator, True Grid, Sherridan Data Widgets, Novel Ians, and Exceed for HP access from 486DX PCs. (See page 2 of attached resume from <http://groups.google.com/groups?q=OSPCM+BellSouth&...>)

The author of the resume appears to have worked as an outside contractor for BellSouth on the Outside Plant Construction Management (OSPCM) system and method more than one year prior to Applicant's earliest priority date of September 11, 1997. Please provide information regarding any disclosure of the Outside Plant Construction Management (OSPCM) system and method to the general public, to outside contractors, or to any other party of interest. Also, please specify whether or not confidentiality agreements were involved in any disclosure to parties outside of internal BellSouth employees.

5. In response to this requirement, please state the specific improvements of the claimed subject matter in the pending claims over the disclosed prior art and indicate the specific elements in the claimed subject matter that provide those improvements. For those claims expressed as means or steps plus function, please provide the specific page and line numbers within the disclosure which describe the claimed structure and acts.

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6. The fee and certification requirements of 37 C.F.R. § 1.97 are waived for those documents submitted in reply to this requirement. This waiver extends only to those documents within the scope of this requirement under 37 C.F.R. § 1.105 that are included in the applicant's first complete communication responding to this requirement.

7. Any supplemental replies subsequent to the first communication responding to this requirement and any information disclosures beyond the scope of this requirement under 37 C.F.R. § 1.105 are subject to the fee and certification requirements of 37 C.F.R. § 1.97.

8. The applicant is reminded that the reply to this requirement must be made with candor and good faith under 37 CFR 1.56. Where the applicant does not have or cannot readily obtain an item of required information, a statement that the item is unknown or cannot be readily obtained will be accepted as a complete response to the requirement for that item.

9. This requirement is subject to the provisions of 37 C.F.R. §§ 1.134, 1.135 and 1.136 and has a shortened statutory period of 2 (TWO) months. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

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10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susanna M. Diaz whose telephone number is (703) 305-1337. The examiner can normally be reached on Monday-Friday, 9 am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tariq Hafiz can be reached on (703) 305-9643.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Receptionist whose telephone number is (703)308-1113.

Any response to this action should be mailed to:

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

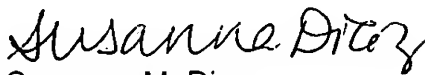
or faxed to:

**(703)305-7687** [Official communications; including  
After Final communications labeled  
"Box AF"]

**(703)746-7048** [Informal/Draft communications, labeled  
"PROPOSED" or "DRAFT"]

Hand delivered responses should be brought to Crystal Park 5, 2451 Crystal Drive, Arlington, VA, 22202, 7<sup>th</sup> floor receptionist.

  
**TARIQ R. HAFIZ  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600**

  
Susanna M. Diaz  
Primary Examiner  
Art Unit 3623  
February 13, 2004


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OSPCM BellSouth

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## Groups search result 4 for OSPCM BellSouth

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From: [cotal@delphi.com](mailto:cotal@delphi.com) ([cotal@delphi.com](mailto:cotal@delphi.com))

Search Result 4

Subject: ps#3797 consultant available: mult-vendor, extremely well versed and experienced

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Date: 1996/08/22

## START\_OF\_RESUME

Resume\_Geography: GA 302xx

Contact\_Date: 26-Jul-96

Subject: updated resume -- available for contract

PeopleSearch # 3797

Experience\_level: 2 Commercial/Corporate

Hope to do business.

To Whom It May Concern:

I am finishing up my participation in a People Soft project (my last day will be 6/28/96) and I am, therefore, embarking upon my quest for new employment opportunities.

Please contact me if your firm should receive requirements which I am suited for.

Please do NOT hand out my resume without contacting me first.

I will work as much overtime as is necessary to meet deadlines and client requirements.

## SUMMARY

has over nineteen years of experience in computer science and the related field of electronics. He has been a computer consultant for most of his professional career. His strengths include application and systems software development, testing, and maintenance using C, Basic, Pascal, and other languages on multiple hardware platforms. William has worked on batch and interactive applications during all phases of the life cycle.

has used various communication protocols and API's during his career and has been involved in GUI, real time, client/server, and firmware development projects. He has helped develop applications for a diverse cross section of public and private sector business interests, including: POS, accounting, manufacturing, psychological evaluation and research, warehousing, shipping and transportation, and legal systems. He has over twelve years of experience in Unix derived operating systems and has programmed at both the application and kernel interface levels.

## LANGUAGES SUMMARY

ASSEMBLER/MACRO ASSEMBLER (multiple syntaxes);

AWK; SED; GREP;

BASIC (multiple syntaxes);

BOURNE SHELL, CL, C SHELL, KORN SHELL, .BAT, Logon Scripts, REX, JCL;

C/C++ (multiple syntaxes);

FORTH; FORTRAN; MODULA-2; PL1;

PASCAL (multiple syntaxes);

People Code; PROLOG;

SQL (multiple syntaxes); SQR;

YACC and LEX (multiple syntaxes);

Xbase

## CAREER EXPERIENCE

03/95 - 6/96

Atlanta, Georgia

Consultant

## Responsibilities included:

Technical Interviewing of candidates; Communication systems support for TCP/IP and SPX; MS Windows/DOS support; Unix Systems Administration support and trouble-shooting; Configuration Management support; C/C++ programming; Korn shell script maintenance/programming; Systems Integration technical support; Technical support for various project efforts in implementing high speed printing, remote check printing, remote control access to system, remote node access to system, dial-up access to system, and capacity planning Network (both bandwidth and storage) and Unix.

project.  
Modifications to the People Soft Process Scheduler; helped set up development and production environment configuration scripts/programs; helped design and implement restricted Unix access for development teams; helped establish test methodology and procedures; designed and wrote Unix table driven daemons to send mail, send pager messages, and parse log files to check People Soft SQR, SQL, and Cobol programs health; helped tune the Unix boxes for performance; worked on the technology infrastructure team to guide technical directions for IVR, remote control, remote node, dial-up access, Mac access, and legacy system interfaces; identified disaster recovery issues and mechanisms and helped integrate these into the enterprise recovery methodologies; identified security issues in using Rrobot (PROMARK) and in the general c/s environment for designed and wrote Windows SDK programs to handle mail and paging events on the Windows 95/3.1 side.

Technical Environment included: ATT database servers (NCR 3xxx machines), AS400s, Pentium PCs, People Soft, Unix SVr4, TCP/IP, SPX, PCVS, TALX IVR, Rrobot test tools, Pro C, Oracle 7.1.3, Borland C++ 4.5 (SDK development), Unix C, Ksh, AWK, SED scripts, Crystal Reports, SQR, MKS tool kit, Exceed.  
01/95 - 3/95

Consultant

## Responsibilities included:

Technical Interviewing of consulting candidates; MS Windows and Visual Basic programming; Hardware and Software purchase recommendations; Systems Integration support; Informix Embedded and Dynamic SQL; Programming Unix SVr4 C and Bourne Shell.

## OSPCM Project

Out Side Plant Construction Management is a multiteam JAD/RAD/RIP project. I was brought on board to help the Infrastructure team solve various technical problems related to tying the OSPCM pieces together with each other and existing systems. My part on the Infrastructure team went away after Client decided that phase II would be done as a turnkey solution by one of their vendors.

The technical environment included Visual C++, Visual Basic, HP/UX (HP 9000 series database servers), Informix 7.xx, IEF, IBM CMVC version 2, BellSouth Navigator, True Grid, Sherridan Data Widgets, Novel lans, and Exceed for HP access from 486DX PCs.

05/94 - 1/95

Atlanta, Georgia

Consultant

## Responsibilities included:

Technical Interviewing of consulting candidates; Communication systems support for TCP/IP (BSD SOCKET and ATT SV3-4 TLI), SNA (LU 6.2 - MAPPED APPC) and development; MS Windows/DOS 6.0 support; Unix Systems Administration support and trouble-shooting; Tuxedo client/server design; Configuration Management support; BPR (Business Process Re-engineering) analysis and support; C programming; Borne, Korn, and C shell script design, programming, and maintenance; Network trouble-shooting; Vendor applications and systems trouble-shooting; HIRO development; Hotel Systems national support technical lead (700 properties); Hardware and Software

purchase recommendations; Systems Integration technical support; Information and database trouble-shooting and development support for both Sybase and Informix; analysis and development of various adjunct tool sets for the Unix environment.

05/94 - 1/95

Multiple technology roles including: national hotel support team leader; technical lead for communications development; BPR team activities; system life cycle methodologies analysis and re-engineering; systems integration technical support; trouble-shooting for HIRO: VTAM, FTP, CICS, SUN APPC, SUN RPC and TCP-IP; Unix systems trouble-shooting on Sun, SCO, and USL platforms; Application re-engineering; information and database trouble-shooting; Tuxedo client/server analysis and design team member. Technical environment included IBM 3090, IBM 9000, 2 SUN 1000s, a SUN 2000, multiple SUN SPARC-10s, 700 plus IBM PS/2 SCO boxes, SUN RPC, SOCKETTS, TLI, SNA LU 6.2, TUXEDO, Sybase version 10, Informix versions 6 and 7, token-ring and ethernet links to a satellite/T1-T3 based network. Programming was performed in Unix C. Original system included PERL, C programs, Sybase stored procedures and triggers, and a large number of shell scripts of various types. This technology had to be replaced as it would not support the growing number of properties.

09/92 - 04/94

Rochester, New York - Atlanta, Georgia

Senior Consultant, Programmer/Analyst

Responsibilities included:

Equipment purchase recommendations; Application software support; Training and documentation tasks; Business needs analysis; Unix, Database design, and SQL support; LAN troubleshooting, design, and support; Proposal writing and requirements gathering; Windows 3.1 programming; PRO C programming; Systems planning; Sales support; Technical evaluations of consulting applicants.

Sampling Of Projects

Analyst for a development project charged with development of support systems for a large international telecommunications concern. The project used Fox Pro for Windows as a Joint Application Development tool and a RIP/RAD methodology. The prototyping was used within a production environment as the final systems were built in Oracle 7.x/Powerbuilder. My part on the team included business analysis, design and programming of several data extraction subsystems for EDI purposes, "tool smithing" for other team members, and various team leadership tasks.

Project team leader for an international computer company's client in Washington, DC. Project used Pentium based workstations, OCR engines, document scanners and tramfarms - parallel processing, three types of neural net technology coupled with fuzzy logic components, NCR's TOP END C/S product, CASE, Unix, X Windows, and Oracle 7.x products.

Member of a development team at an international manufacturing company based in Atlanta, Georgia. The team produced an Oracle 6.2/Windows 3.1 based promotion tracking system which included ad hoc query capabilities, printer control, 30 reports, 55 dialog boxes, and building several new dialog box control classes. Effort was undertaken on the Mac and 386/486 class PCs using C/C++, the SDK, MACAPP, and PRO C.

Project leader of a team charged with producing a solution for maintaining sales lead generation information for a multinational manufacturing company based in Rochester, NY. The implementation was on Sun hardware and used Oracle 6.2. The task was complicated by the need for the final system to integrate into an enterprise data model and its processing environment, already in place.

Lead technical analyst for a project which converted a large database driven document warehousing system from Pick Basic to C and Unix, at a large international financials conglomerate in Boston, MA. I was responsible for the design of the entire replacement system (including: disaster recovery, BSD 4.3 sockets, named pipes, and API development). The final system had to interface with two "off the self" Radio and Wire Robotics control system APIs based on BSD 4.3 sockets. Universe Basic was used as an interim solution for the 100,000 lines of code re-engineering



effort.

Team leader for an international communications company project charged with the task of re-engineering an automated system. System included RJE controls, a compiler, interpreter, compression, decompression, encryption, decryption, X and Y modem communication modules, Sybase, SQL, PM front-end, multi-threaded and multitasking processes, OS/2 2.x, and redesigning a proprietary language for data conversion. The system was written in C/C++. The effort was killed after the re-engineering analysis and design phases.

04/92 - 08/92

Houston, Texas, 77058

Consultant, Programmer/Analyst, Software Engineer III

Member of a development team at IBM Federal Systems Division charged with producing a FDDI, dual attachment station, network interface adapter and the network operating system for Space Station Freedom. The data management system is built around a PS/2 model 80 and mil std 1553B local bus scheme.

The FDDI NIA was designed around the National chip set and the SMT 6.2 ANSI standard. My part on the team included design validation against the standard, writing ept, cfm, and pcm services, performing unit tests on the code, and assisting integration testing. As part of the testing effort, I designed a macro language, and implemented an interpreter for it, to help with unit test validation of the FDDI state machines.

Work was done mostly in PC DOS/DOS Extender environment (PHARLAP). A small amount of work with Unix derivative o.s. LYNX and building NOS. Also used Microtech ICE, a 3090, a 4381, ISPF, IBM LAN, OS/2, and IBM GML.

11/91 - 3/92

Bedford, Virginia, 24523

Consultant, Programmer/Analyst, Systems Integration

Responsible for client equipment purchase recommendations; user training and documentation tasks; profiling, testing, tuning, installing, gen'ing, and integrating application and system level software; Novell LAN

END\_OF\_RESUME

For information on this candidate, please contact:

Cotal Systems, Inc.

1-860-523-4567

cotal@delphi.com

<http://www.peoplesearch.com>

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